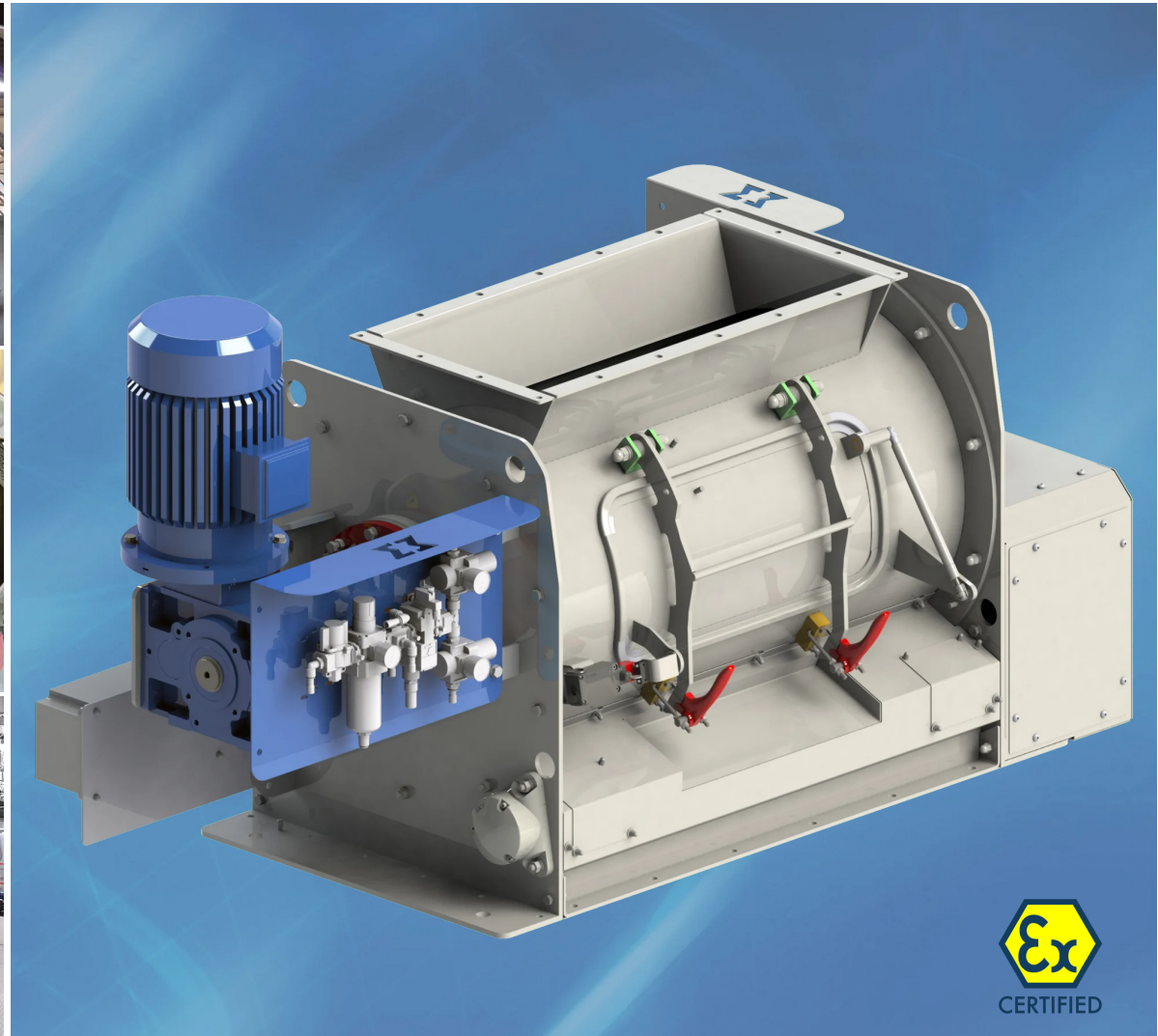
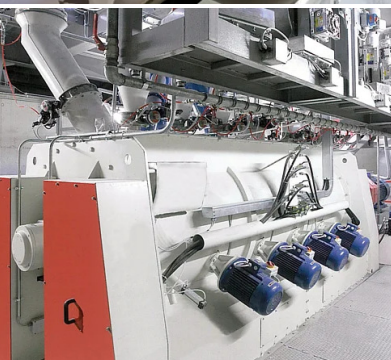
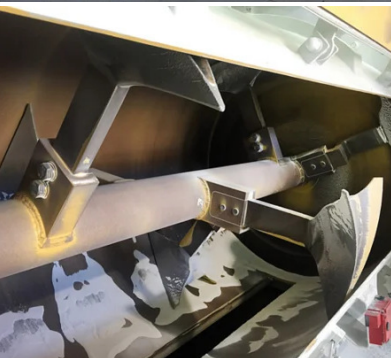


Batch-type Single Shaft Mixers With Bomb-Bay Discharge

WBHT



MIXTURE DISCHARGE IN THE SHORTEST TIME POSSIBLE

The WBH Batch-Type Single Shaft Mixer is the ideal machine for producing top quality mixtures in perfectly reproducible batches. Over the last four decades, MAP® has supplied thousands of mixers to a wide variety of industries all over the world. Mixing tests for customers are performed in the Group's own laboratories worldwide.

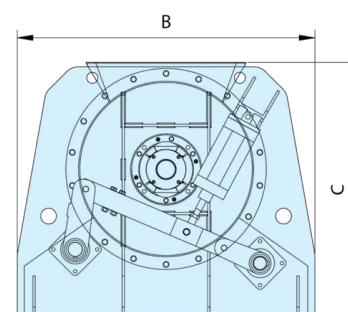
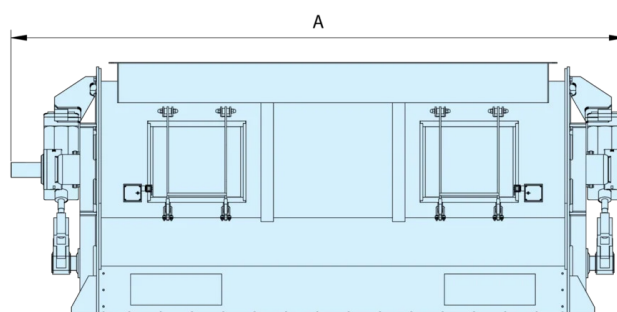
In addition to the features of standard WBH mixers, WBHT-type Bomb-bay Discharge Mixers ensure instant product discharge with a residue of less than 0.1% depending on the product mixed. A bomb-bay discharge is mandatory if discharge time has to be reduced to the minimum.

ATEX-certified machines are available that can operate in "zones" (according to the classification of the ATEX directive) with dust and gas explosive atmospheres, even in the presence of conductive powder

Technical Features

- Capacity: 75 ~ 10,500 litres per batch
- Mixing ratio: 1/100,000
- Variation coefficient (CV): up to 2%
- Extra heavy duty design for long durability
- Optional liquid addition
- Fast opening and close cycle (about 18 seconds)
- Zone 20-21-22 ATEX-certified devices 

Overall Dimensions

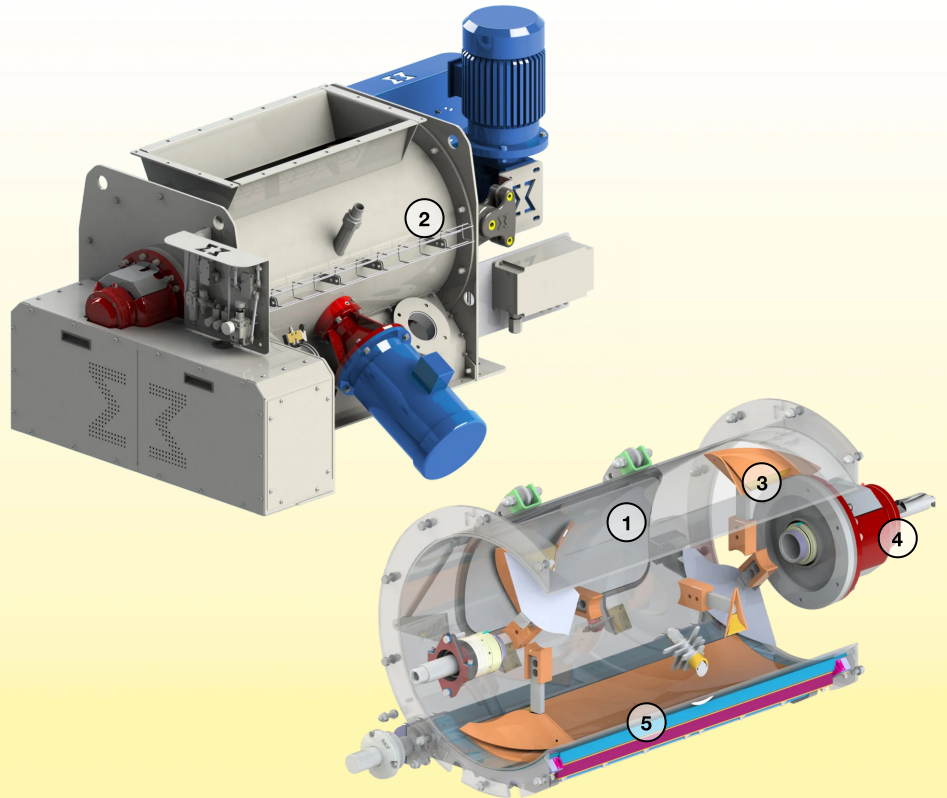


Model	A (mm)	B (mm)	C (mm)	Weight (kg)
WBHT 300	1,920	1,200	920	800
WBHT 550	2,175	1,440	1,150	1,150
WBHT 800	2,425		1,180	1,300
WBHT 1,100	2,750		1,300	1,750
WBHT 1,600	2,795	1,915		2,600
WBHT 2,000	3,070		1,496	3,150
WBHT 3,000	4,070			3,800
WBHT 4,800	4,515	1,900	1,770	5,650
WBHT 6,000	4,800		1,860	6,050
WBHT 8,800	5,450		2,135	8,550
WBHT 10,500	5,595	2,220	2,235	9,350
WBHT 15,000	6,125	2,540	2,525	12,150

Benefits

- ✓ Excellent reproducibility of batches
- ✓ Perfect bomb-bay door sealing
- ✓ No product degradation
- ✓ Rated power adapted to application
- ✓ Extensive mixing know-how and test facilities
- ✓ Total emptying, minimum residue
- ✓ Optimum mixing homogeneity
- ✓ Safe and durable
- ✓ High uptime
- ✓ Quick and easy access to mixer interior

- 1 Large inspection doors enabling comfortable access to the interior of the mixer
- 2 Heavy-duty mixing chamber manufactured in carbon steel, antiwear steel or 304L / 316L stainless steel
- 3 Replaceable, adjustable mixing tools
- 4 End bearing assemblies in various shaft seal configurations for all application requirements
- 5 Bomb-bay discharge door



Mixing Tools & Choppers



Standard

Toothed Edge

Blade-type

Toothed Blade

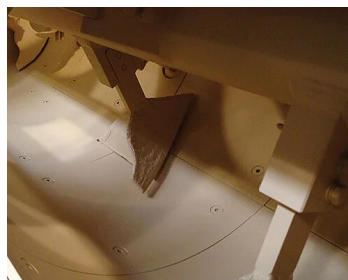
Tulip-shaped

Blade-type

Options



Choppers, liquid injectors, temperature jacket



Removable chamber liner, tools in special anti-wear material



Choppers

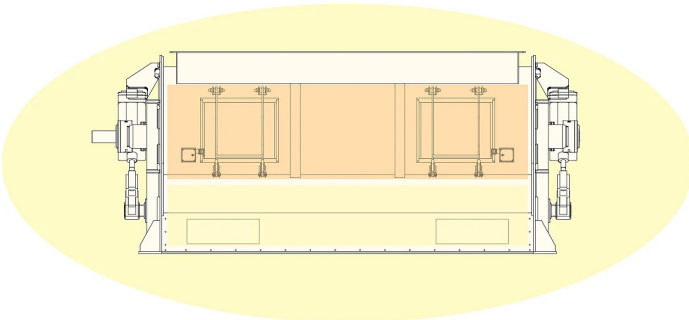


304L / 316L stainless steel internal polishing

Application



ATEX Zones



ATEX zone 21/1
 ATEX zone 20/0

Zone: a place in which an explosive atmosphere is...	ATEX Zone Gases	ATEX Zone Dusts
continually present	0	20
likely to occur occasionally in normal operation	1	21
not likely to occur in normal operation and only for very short durations	2	22

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